

VG M20 EMV-4 MS 8-14

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com

Similar to illustration



Produktabbildung

The increasing sensitivity of electronic components and the increasing electromagnetic interference frequencies require cable glands to play an important role in the shielding concept of a system. This type of EMC cable glands are made for shielding against interference frequencies, with a 360° screening connection. A Finger-locking seal provides superior cable retention & strain relief, next to it, the cable gland meets the mechanical requirements of EN 62444. Due to the patented design a very easy and fast assembly will be possible.

General ordering data

| | |
|------------|--|
| Version | VG EMV GEN 4 (EMC cable gland with clamping cage), Cable glands, straight, M 20, 8, OD min. 7.5 - OD max. 14 mm, IP54, IP66, IP67, IP68 - 5 bar (30 min.), IP69K, Brass, nickel-plated |
| Order No. | 2435160000 |
| Type | VG M20 EMV-4 MS 8-14 |
| GTIN (EAN) | 4050118446913 |
| Qty. | 50 pc(s). |

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Technical data

Dimensions and weights

| | | | |
|------------|-------|-----------------|-----------|
| Length | 48 mm | Length (inches) | 1.89 inch |
| Net weight | 48 g | | |

Temperatures

| | |
|-----------------------|------------------|
| Operating temperature | -40 °C... 100 °C |
|-----------------------|------------------|

Environmental Product Compliance

| | | | |
|------------|----------------|------|--------------------------------------|
| REACH SVHC | Lead 7439-92-1 | SCIP | b5ff1f66-ddba-4739-9fc0-0521ddb52139 |
|------------|----------------|------|--------------------------------------|

Certificate numbers cable gland

| | | | |
|----------------------------------|----------------|---|---------|
| Approval conditions | DNV, UL, cULus | Certificate no. cable gland (GERMLLOYD) | E-14047 |
| Certificate no. cable gland (UL) | E199260 | Certificate no. cable gland (cULus) | E199260 |

General information

| | | | |
|-------------------------------------|---|-------------------------------------|-------------------------------------|
| AF size | 24 mm | AF size 1 | 24 mm |
| AF size 2 | 24 mm | Cable glands | metric, M 20 |
| Clamp insert | Polyamide | External thread | M 20 |
| Halogen | Yes | Length of thread | 8 mm |
| Material | Brass, nickel-plated | O-Ring | NBR |
| Operating temperature range, max. | 100 °C | Operating temperature range, min. | -40 °C |
| Outer cable diameter, max. | 14 mm | Outer cable diameter, min. | 7.5 mm |
| Pitch of thread | 1.5 mm | Protection degree | IP66, IP68 - 5 bar (30 min.), IP69K |
| Protection degree with GWDR | IP54, IP66, IP67, IP68 - 5 bar (30 min.), IP69K | Seal insert | CR |
| Shield diameter, max. | 11.5 mm | Shield diameter, min. | 5.5 mm |
| Tightening torque | 5.5 Nm | Torque for cap nut, max. | 10.5 Nm |
| Torque for cap nut, min. | 9.5 Nm | Torque for connecting adapter, max. | 6.5 Nm |
| Torque for connecting adapter, min. | 5.5 Nm | | |

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC000441 | ETIM 7.0 | EC000441 |
| ETIM 8.0 | EC000441 | ECLASS 9.0 | 27-14-44-32 |
| ECLASS 9.1 | 27-14-44-32 | ECLASS 10.0 | 27-14-44-32 |
| ECLASS 11.0 | 27-14-44-32 | ECLASS 12.0 | 27-14-08-01 |

Approvals

| | |
|------|---------|
| ROHS | Conform |
|------|---------|

Downloads

| | |
|---|--|
| Approval/Certificate/Document of Conformity | EU Declaration of Conformity - EMC brass nickel plated cable gland - DE PS2480 210608 004ISS00 |
| Engineering Data | CAD data – STEP |
| Engineering Data | EPLAN |
| Catalogues | Catalogues in PDF-format |
| Brochures | |